

MITCHELL FURNACE

Recent Invention of Mr. George Mitchell.

Copper Queen Putting in a Big One. United Verde Has Six Now in Operation.

The Jerome Reporter prints an account of what is termed the "Mitchell Economic Copper Matting Furnace," the invention of Mr. George Mitchell, of Arizona. In its account of it the Reporter says:

"Mr. Mitchell is the inventor of the Mitchell Economic Copper Matting Furnace, which was first successfully put in operation at the United Verde copper mines and which, during the past year, he has brought to a high degree of perfection, having made a number of valuable improvements. Patents are so far advanced that the inventor is fully protected, so he is devoting his energy to the introduction of his machinery in the big copper plants of the world.

"The principal feature of the Mitchell furnace is the utilizing of the waste heat of the gases, to blast in the handling of sulphides. The advantage is the very small consumption of carbonaceous fuel, as compared with other furnaces, and the saving in the loss of handling sulphide ores by the ordinary roasting method by lessening the process the ores pass through. He does away with the roasting process by utilizing the sulphur in the sulphide ores as fuel.

"The United Verde has six of the Mitchell furnaces in operation, though a number of valuable improvements have been made since they were erected. The Copper Queen is putting in a big furnace at an enormous cost, and if proves satisfactory, of which the inventor has no doubt, it is likely others will be installed.

LOCAL NOTES.

W. H. Gage of Phoenix is a visitor in town.

F. P. Foster is registered at the Bessemer.

Mrs. S. W. Clawson is now visiting Mansfield, Ohio.

H. H. Brophy drove down to Naco and back yesterday.

James Wolfe from the river is visiting friends in town.

George Ram of Currey & Co. was in from Naco yesterday.

A big body of water has been encountered at the West Bisbee mine.

George Mitchell and Mr. Turner went out to the Cananea mine yesterday.

H. H. Schmieding and family have left for Tombstone on a visit for a few days.

Last Friday John Tracy took Mrs. Graham's nurse to Naco where she resides.

Frank Littlejohn left for New York State where he will reside for several months.

Leon S. Moss is at the Bessemer. He is from San Francisco and is on business in town.

From Naco, Friday, Tracey drove two cattle inspectors to Slaughter's ranch to inspect cattle.

Charles A. Bloomquist of Naring, Texas is at the Norton. He will work in the mine here.

The Episcopal church services were held by the bishop yesterday morning and evening at Library Hall.

Mississippi Tom is to be married to Miss Rosario De Lavarro very soon. We wish them all sorts of good luck.

William Anderson was hurt in the mine Saturday receiving an injury to the foot, however, not very serious.

J. D. Lucas, of Tucson, dentist, has secured a room at the Norton where he will practice his profession for a few weeks.

John Tracy has brought Mrs. B. F. Graham and her three little children from Ramsey canyon where they have been visiting.

Mont Woodard came in to see his son who is laid up at the Norton house with injuries received last week through falling from a ladder while building a house near the Lowell.

Joseph Lippert the tonsorial artist always progressive and alert for business has had a door made in the wall between his shop and the Palace for the convenience of his business.

Tom Grady, George L. Binder and J. T. Hood went hunting between here and Naco yesterday. They secured fourteen rabbits and Mr. Hood secured a lovely jolt on the chin from a shot gun with a strong back movement.

George Hall held to await the action of the Grand Jury for forging checks in the name of B. F. Graham & Co. escaped from the town jail last night by using a saw. He sawed off a steel lock and showed great dexterity in his work too.

Mr. and Mrs. C. N. Thomas gave a children's party last Sunday in honor of Miss Celestine McCormick who is leaving for Tucson. There was singing and music by the Mexican band. The residence grounds were prettily illuminated with Chinese lanterns. A

most delightful time was spent by the young guests.

O. F. Shroder left today for the West.

Lige Clifford left for St David yesterday.

Miss Stewart left town today on the passenger.

William Moodie of Nacosari is at the Norton House.

John L. Bussons, of Phoenix, is at Hotel Bessemer.

John Loomis is down with typhoid fever at the hospital.

Mr. Rheinhardt, of St. Louis, commercial traveler, left again on his tour after taking orders here.

Mr. and Mrs. E. L. Abbott, of Nampa, Ida, are at the Norton. They are going on to Mexico in a few days.

Emile Marks, the barber, and Mr. Nichols went down to Solomon's springs yesterday on a mining trip.

Judge C. G. Johnson returned from Tombstone Saturday. Mr. Johnson has been in poor health for some time.

The gun club held their usual shoot Sunday at the club house. There was a fair attendance and some good shooting was done.

Geo. S. Roberts, of New York, who was located at the Bessemer Saturday, left for the Cananea in which mine he is interested.

There was a dance last Saturday night at Naco and quite a number of carriages left Bisbee with guests for that occasion.

George Metcalf, a former Santa Barbara boy, now interested in mines near Bisbee, Arizona, is in the city, says the Santa Barbara Press.

The Los Angeles Express says that J. O. Leeson, a prominent land owner and merchant of Bisbee, accompanied by his wife, is a guest at the Nadeau.

Mrs. J. Donahoe and four children are at the Norton House, having arrived from Ohio, Saturday. She will go on to Nacosari where her husband is working at the mine.

The duplicate assessment roll has about been finished by the clerk of the board of supervisors, and it will show a taxable valuation in Cochise county of over \$3,204,683.

Alfred Paul, the tailor, C. A. Overlock and Gus Behrend left Sunday for Turquoise in a wagon filled with miners' tools and supplies. They will prospect and secure property in that district.

A letter has been received from D. Hickey, manager of the dry goods department of the Copper Queen store. Mr. Hickey is making a careful choice of novelties and dry goods of all kinds for the coming fall season, and an immense stock will be displayed shortly at this great emporium.

John Tracey, the well known old timer here, has passed his 70th milestone and is as active as ever. Mr. Tracey cast his first vote for president in 1852 for Winfield Scott on the whig ticket in Crawford county, Ohio. Tracey has in his possession one of Abraham Lincoln's tickets for president in 1864.

B. A. Packard arrived home from New York City after an absence of two months, during which time he has attended the great Kansas City convention and had the honor of being among the number appointed to notify W. J. Bryan of his nomination, at Indianapolis. Since that occasion Mr. Packard has travelled in the East and has been in New York. He complains that the heat back east is unbearable.

Professor A. J. Mathews has taken up his residence at Tempe, Arizona, and will open up the Normal school at that place on September 4. He will be glad to correspond with students in this town. Great improvement has been effected at the school and it is now one of the most complete educational establishments in this territory. We are asked by the professor to attract the attention of the members of the 20th legislature to the fact that they are entitled to appoint a student to a scholarship in the Normal.

Letter List.

Following is a list of letters remaining uncalled for in the postoffice for the week ending August 25:

Apoderado, Jose	Morales, Carlos
Arballo, Lorenzo	Montolla, Jose
Arreale, Pedro	Norena, G
Adams, W	Mabin, Geo
Barelas, Alderto	Milligan, J R
Beltram, Francisco	Obregon, Antonio
Bjork, Melkior	Obregon, A
Cortes, P	Pyburn, A
Cuen, A	Potter, Wm
Cordova, Florenio	Potter, W
Carter, Phil	Powell, Alfred
Dancill, A	Quinn, Barney
Edwards, Wm	Relles, Ed
Johnson, George	Ritchley, Chester
Hickman, Frank	Speedy, Eugene
Kelly, J	Thomas, C
Kerans, W H	Taylor, J E
Kelly, Jesse	Varela, Mariana
Laborin, Antonio	

Please call for advertised letters.
J. T. PRITCHARD,
Postmaster.

Tea Garden Drops.

Is a sugar syrup of highest quality; once used, always wanted; deliciously sweet, makes taffy candy to perfection; manufactured by Pacific Coast Syrup Co., 707-719 Sansome St., San Francisco. a14-3m

C.P. HUNTINGTON'S WILL

Has Been Made Public and Its Conditions

Are Here Given. The Will Has Been Filed for Probate. It Makes Handsome Bequests.

NEW YORK, Aug. 27.—The will of C. P. Huntington was made public to day. It gives \$1,000,000 in trust for the Princess Hatzfeldt during her life, the principal to go to her issue at her death; \$500,000 is given for the benefit of Mrs. Huntington, the widow, for life, afterward for the benefit of Archer M. Huntington for life; two-thirds of the Sonthern Pacific railway stock is to be given to Mrs. Huntington and one-third to Henry Edward Huntington, on condition that no part thereof shall be sold during the lifetime of either, except with the consent of both.

The Fifty-seventh street and Fifth avenue residence in this city, together with all articles therein, is given to Mrs. Huntington for life, afterward to be given to Arthur M. Huntington; \$200,000 is given in trust for the benefit of Harriet S. Huntington, Elizabeth Purdy, Susan Porter, Allen Gates, in portions of \$50,000 each; \$30,000 for the benefit of C. H. Sammis; \$20,000 each for the benefit of Elenora Lovel and Frank Pardee. Various other special bequests are made.

Mrs. Huntington, Charles H. Tweed and Isaac E. Gates, Huntington's brother-in-law, are made executors of the will. All of Huntington's pictures are given to Mrs. Huntington for life, afterward to Arthur M. Huntington for life and at his death to the Metropolitan Museum of Art, New York City absolutely.

The will was filed for probate in the surrogate's office to-day. The petition asking that the instrument be admitted to probate does not give the value of the estate. Charles H. Tweed, Huntington's attorney, said he could not place any value on it. Tweed was asked what would be the value of the bequests, in which it is provided that either money or securities of the par value of the sum of money mentioned may be given by the executors, but he said he was not yet in a position to reply.

D. L. Lucas, D. D. S.

The Tucson Dentist, is at the Norton House, Bisbee, and will remain ten days. The doctor is prepared to do all kinds of dental work by the latest improved methods. Those desiring dental work should call early and consult him in regard to work and prices. Consultation free. a27-1w

SPRING PETTICOATS.

The Princess Is Popular and Is Made of Various Pretty Materials.

Prominent among the spring novelties in lingerie is the princess petticoat. It is a combination of skirt and corset cover and is fitted carefully to the figure with darts and seams. It does away entirely with the objectionable waist band and is a most desirable garment to wear beneath the gowns of to-day, which, though they ripple and flare at the hem, fit as closely as ever over the hips and for some distance below them.

The new princess petticoats are a decided temptation to even the economical woman accustomed to self-denial.

These princess petticoats are made of brocade, liberty satin and India silk, but perhaps the daintiest are of sheer linen lawn, lace insertions and wash ribbons. One extremely pretty model in filmy lawn shows the lace insertion arranged in a series of Van Dyke points, and the beading, through which pink wash ribbon is run, placed in perpendicular stripes. The skirt is cut to flare below the knees and is made with a double lace trimmed flounce and a graceful demitrain.

All the new petticoats are fitted to the form with special care. A number of the French models are shaped to the figure over the hips by having the material finely pleated. The flaring flounce, which starts at the knees, is invariably trimmed with lace frills and insertions. Sometimes it is cut circular and then again it is straight and gathered.

These skirts are always made with two flounces, and the under flounce is generally trimmed with a plaited or gathered lace-edged frill. Much lace insertion is used as a trimming, and the clever joining of laces is a feature of this season's skirts.

In heading the flounce which forms the lower part of the latest petticoats many novelties are introduced. Some show the flounce headed with merely a fine line of fancy silk hemstitching. Others are decorated with exquisite hand embroidery, and then again the heading of the flounce is defined by a dainty lattice work design of wash ribbon, baby width, run through lace beading. The majority of the elaborate petticoats this spring are made with short trains.—N. Y. Journal.

A Long Lightning Rod.

Bavaria boasts that it has the longest lightning conductor in the world. It rises some yards above the top of the meteorological station on the Zugspitze, the highest point in the German empire, and runs down the side of the mountain to the Hohenlalm, where there is running water all the year round. The length of the rod is five and a half kilometers, nearly three miles and a half.

A Pleasure to Answer Letters

EL PASO FOUNDRY AND MACHINE CO.

MACHINISTS, IRON AND BRASS FOUNDERS, FORGE AND BOILER WORKS ALL CLASSES OF MINING MACHINERY

Write for Estimates

EL PASO FOUNDRY AND MACHINE COMPANY

EL PASO, TEXAS

The Copper.... Queen Store

Summery Things Little Things, pertaining to Feminine Dress

That make for Summer

Comfort and Style

White Lisle Gloves

With black stitching, fastened with three pearl buttons; finished like a kid glove; washable, perfectly so. They are so wear-resisting that even if they cost a little more than ordinary fabric gloves they are cheap; a pair 85c

Silk Gloves

Black and white; fastened with three clasps; cool and elegant; per pair 65c

The Beautiful In Fans

Gauze Fans, lace appliqued and trimmed; various spangled effects; daintily painted; with carved sticks. Feather and flower fans, ingeniously and uniquely made; the prices..... 50c to \$3.00

White Lawn Ties

Long lawn ties, with ends of ruffled lace, embroidery and tucks. The daintiest summer neck dress imaginable. Fifty cents to a dollar and a quarter; according to the amount of finery you wish.

Summer Stockings

Black lisle thread, drop stitched or lace front, per pair..... 75c

Fancy colored, full striped or black, with fancy colored top; all drop stitched and m-rized to resemble silk per pair..... 60c

Very fine quality tau hose, per pair..... 37½c

Black cotton, drop stitched, per pair..... 35c

Campaign Scarfs

A hidden string—a pull, and the picture of your presidential candidate is shown. Release the string and the picture springs back into the folds of the scarf. Well made ties of proper shapes and patterns, with no hint of the surprise unless "you pull the string."..... 75c

Ready! Fall Samples for Made-to-Order Clothing

The new Fall Samples of Suitings and Trousers are pushing and crowding their way to the front, almost before the summer samples are ready to depart. It's interesting to know in advance what fixers of sartorial fashion will put out for masculine approval. Surprising, too, how many measurements for Fall Suits are being taken this early. The samples are so conveniently displayed that it will take but a minute to look them over.

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COUPON CLIPPING CONTEST

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M. J. JOHNSON REAL ESTATE, MINE BROKER

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FULL ASSORTMENT OF...

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MAIN ST., OPPOSITE CAN-CAN.

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A PLEASANT RESORT

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And Cigars

BEER ALWAYS ON TAP

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DEALERS IN WINES, LIQUORS AND

Cigars

COLD BEER

ON DRAUGHT

Main Street Opposite Public Library

Half-Way House..

Directly on the road to Naco.
Wines, Liquors and Cigars.
Your Patronage Solicited.

CHARLES HULL, PROPRIETOR

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Beer Garden

One mile below town in the Cool
Cottonwoods. Call once and you
will always come again.

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COURTEOUS

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SOLICITED.

MAIN STREET,

BISBEE, ARIZONA

THE TURF

LETSON & WHALEY, Proprietors.

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LIQUORS,

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Sportsmen's Resort.

Main Street, Bisbee, Arizona.

Anheuser-Busch Beer

On Draught Constantly on Hand.

Fine Imported and Domestic

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Your patronage Respectfully Solicited

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